

John M. Guynn

From: Randy Smith [rsmith@earthshell.com]
Sent: Saturday, September 17, 2005 6:05 PM
To: John M. Guynn
Subject: FW: Update Wrap Model
Attachments: Wrap Model - Rev 007 101501 - SIMPLE.xls

Here are the wrap models.

RAS

From: Matt Loos
Sent: Tuesday, October 16, 2001 9:45 AM
To: Donna Balinkie; Randy Smith; Kishan Khemani
Cc: Scott Houston; Matt Loos
Subject: Update Wrap Model

Folks,

Senior management has requested that we simplify the wrap model with respect to assumption input, and flexibility of use. There have been several iterations to achieve this goal. The attached wrap model addresses those issues as well as other improvement requests. If I ignored or misapplied any suggestions or requirements, or some additional requirements have surfaced since we last spoke, please contact me immediately.

Wrap Weight

The wrap costing model is based upon the wrap's weight.

- 1) For some examples, the weight and dimension are given, and drive the thickness. In this case, we are zeroing in on the thickness for improved economics. We know the desired weight, but what is the required thickness?
- 2) In the more common case, thickness and dimension are given, and we calculate the weight. We know the desired dimension, but what is the weight?

Given these two scenarios, the model has been improved to easily switch from one case to the other, depending on what is known. The model as distributed today has thickness and dimension as givens and the weight is calculated. If the weight and dimension are known and you require calculating the thickness, you need to type in 'Yes' into cell C19. This triggers the cost model (specifically cell L17) to look at cell C23. Please let me know if you would like training on how to use this added feature.

Wrap Density

The wrap consists of several raw materials of varying density. In order to calculate the wrap density properly, we consider the density of each component. The current wrap density calculation properly considers the successive steps of combining the raw materials and the resulting density at each step (First step: combine eastar and filler to create papermatch. Second step: combine papermatch and biomax to create the wrap).

Please contact me with questions is this model is still not as simple and useful as you require.

Matt

9/19/2005

EarthShell Corporation Biodegradable Wrap Model

Distribution 10/16/01:

Donna

Randy

Scott

Kishan

EarthShell Corporation

Biodegradable Wrap Model

Version changes listed by date (most recent at top)

Color Key

Assumptions link/Input

Linked to another tab

Calculated

Drives a link to a tab

Light Yellow

Turquoise

Lavender

Light Green

(Color Scheme just under Turquoise)

(Color Scheme just to the left of Lavender)

Version 007 10-15-01 - SIMPLE - Matt Loos

- 1- Added detail for resin densities in order to calculate final density of the wrap
- 2- Added yes/no trigger to how gram weight is used by the wrap costing model
- 3-
- 4-
- 5-
- 6-
- 7-
- 8-

Version 007 10-11-01 - SIMPLE - Matt Loos

Version 007 10-10-01 - SIMPLE - Matt Loos

Version 007 10-08-01 - SIMPLE - Matt Loos

Version 007 10-08-01 - Matt Loos

Version 007 09-26-01 - Matt Loos

Version 007 09-18-01 - Matt Loos

Version 007 09-15-01 - Matt Loos

Version 007 09-11-01 - Matt Loos

Version 007 08-16-01 - Matt Loos

Version 006 06-06-01 - Matt Loos

Version 006 04-18-01 - Matt Loos

Version 005 04-05-01 - Matt Loos

Version 004 03-09-01 - Matt Loos

Version 003 02-20-01 - Matt Loos

Version 002 11-27-00 - Matt Loos

Version 001 11-13-00 - Matt Loos

Version 000 11-07-00 - Matt Loos

